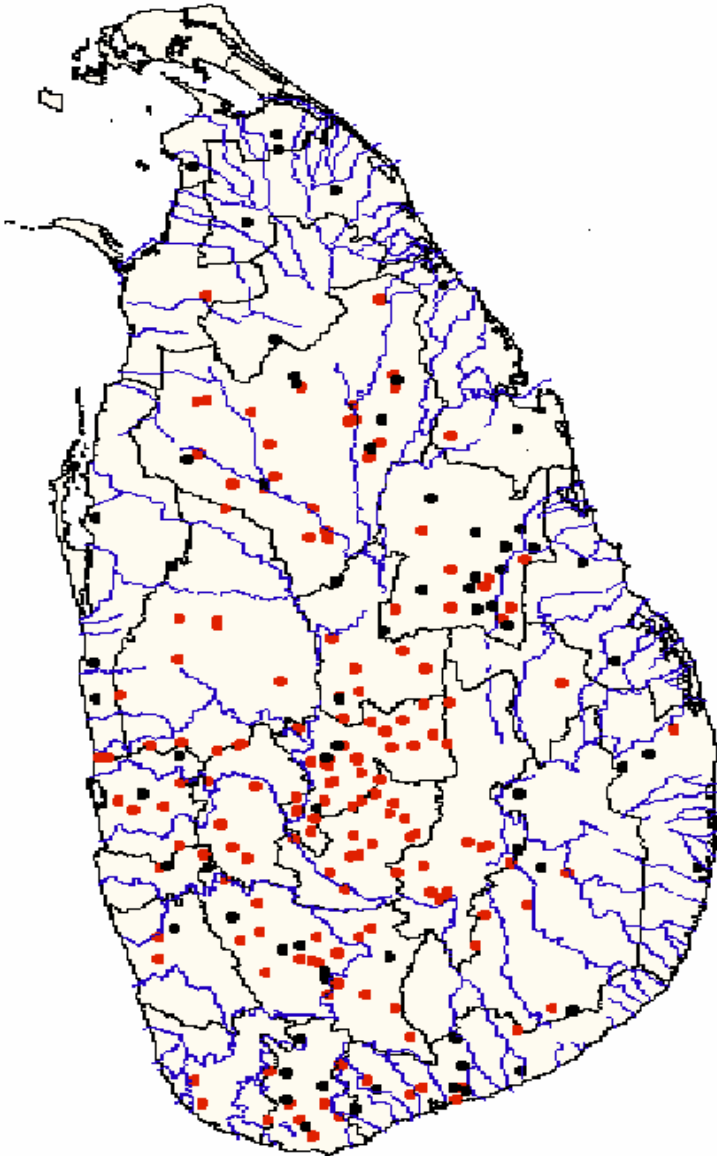


STRATEGIC LEGISLATION ON RAIN WATER HARVESTING

By

Eng. Duleep Goonewardene
Assistant General Manager (Development)
National Water Supply & Drainage Board
Sri Lanka.

MAP OF SRI LANKA



Land & Sea Areas Of Sri Lanka (sq. km.)

The Land Area	= 65,525
Internal waters	= 1,570
Sea Area	= 487,140
Total Area	= 554,235

Annual Rainfall Data Of Sri Lanka (mm)

Wet Zone	= > 2,200
Intermediate Zone	= 2,000 – 2,200
Dry Zone	= <2,000
Total Rainfall	= 118,000 MCM
Total volume of surface water availability	= 43,000 MCM (100%)
Irrigation usage	= 12,000 MCM (28%)
Domestic and industrial usage	= 3,000 MCM (7%)
Discharge volume to the sea	= 28,000 MCM (65%)
Percentage of river flow to sea	= 65%
Potential per capita water availability	= 2,260 m ³
Per capita water development	= 760 m ³

River Basin (No)

Major	= 103
Minor	= 94

Man Made Reservoirs (No)

Working	= >9,000
Abandoned	= >7,000
Total	= >16,000

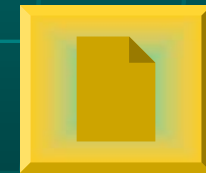
Pipe Borne Water Coverage in Sri Lanka

approximately

31%

Covered through \approx 287 Schemes.

Sri Lanka Water Availability



COUNTRY	Total annual renewable fresh water available, by country (millions of cubic meters)	1990		Per capita water availability (cubic meters)	Area (km ²)	Population density YEAR 1990	Total annual renewable fresh water available, by country (m ³ /m ²)	Rank Water availability m ³ /m ²	Rank Per capita water availability YEAR 1990	Rank Population density YEAR 1990
		Population (thousands)	Per capita water availability(m ³)							
Bangladesh	2,357,010	113,684	20,733	9,986	144,000	789.47	16.368	1	41	5
Japan	547,022	123,537	4,428	4,067	377,767	327.02	1.448	20	81	11
Malaysia	456,006	17,891	25,488	13,372	329,748	54.26	1.383	22	37	67
Nepal	169,994	19,571	8,686	4,021	141,059	138.74	1.205	29	62	33
Sri Lanka	43,008	17,217	2,498	1,559	65,525	262.75	0.656	57	107	15
South Korea	62,983	43,377	1,452	1,196	98,485	440.44	0.640	58	123	9
India	2,085,015	846,191	2,464	1,391	3,287,797	257.37	0.634	59	108	16
Pakistan	467,999	118,122	3,962	1,717	796,109	148.37	0.588	64	86	30
North Korea	66,989	21,771	3,077	1,837	120,539	180.61	0.556	66	99	28



National Water Supply Drainage Board Commitment to Rain water Harvesting

- ✓ **Rain Water Tank At Entrance to
Head Office**
- ✓ **Combined Water Conservation and
Rain Water use in Toilets**





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Sri Lanka National Commitment to Rain water Harvesting

- ✓ **National Rain Water Policy and Strategies
(Approved June 2005.)**
- ✓ **Initiated Kandy Declaration on Rain Water
Harvesting
(Signed by SAARC Ministers
October 2006)**
- ✓ **Amendments to Existing Legislation on drainage to
in corporate Rain Water Harvesting
(Before August 2007 ??)**

STRATEGY

- “Bend The Law – Don’t Break It”
- “From The Known To The Less Known”
- Learn On The Way – Fine Tune On The Go
- Politicians Pushing – What Professionals Proclaim

**“ANY FOOL CAN MAKE THINGS
MORE COMPLICATED
IT TAKES GENIUS TO
MAKE THINGS SIMPLER”**

**Dr. E.F.
Schumacher**

FREE, FOR ALL, FOR EVER



THANK YOU